

To: James Wands[James.Wands@hdrinc.com]
Cc: John Connolly[jconnolly@anchorqea.com]; Willard Potter[otto@demaximis.com]; Rafael Canizares[RCanizares@moffattnichol.com]; Rooni Mathew[RMathew@moffattnichol.com]; Mike Barbara[mab.consulting@verizon.net]; Robert Law[rlaw@demaximis.com]; Basso, Ray[Basso.Ray@epa.gov]; Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]; Vaughn, Stephanie[Vaughn.Stephannie@epa.gov]; Alyssa Thorvaldsen[athorvaldsen@anchorqea.com]; Peter Oates[poates@anchorqea.com]; Wen Ku[wku@anchorqea.com]
From: Peter Israelsson
Sent: Fri 9/20/2013 7:28:41 PM
Subject: RE: Lower Passaic River - 2378-TCDD surface mapping files
ProbPlot 1995 vs 2010 data by mapped group 20130920 v2.pdf

James –

Please use the attached version of the probability distribution plot instead of the one transmitted earlier today. The previous version was missing two data points at the upstream end of the 1995 dataset's longitudinal range. The revised plot includes one additional sample from the 1995 dataset (in Group 1) and another from the 2010 dataset (in Group 4), both near RM 6.85. The differences to the distributions are small but it impacts the data counts, so I am retransmitting. Sorry about the mix-up.

Regards,

Peter

Peter H. Israelsson, PhD

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From: Robert Law [mailto:rlaw@demaximis.com]
Sent: Friday, September 20, 2013 1:32 PM
To: Ray Basso; Eugenia Naranjo; Stephanie Vaughn
Cc: John Connolly; Peter Israelsson; Willard Potter; Rafael Canizares; Rooni Mathew; Mike Barbara
Subject: Fwd: Lower Passaic River - 2378-TCDD surface mapping files

Provided as requested.

Robert Law, Ph.D.
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>>> Peter Israelsson <pisraelsson@anchoragea.com> 9/20/2013 1:24 PM >>>

James -

I am transmitting the requested information regarding the CPG's surface sediment 2378-TCDD mapping. Each attachment is explained below.

1. Shapefiles of 2,3,7,8-TCDD contaminant map for the LPR □
[surf_TCDD_shapefiles_20130920_LPR.zip](#)

a. "1995" surface (using the 1995-1999 dataset) □ [surf_TCDD_1995_20130920_LPR.shp](#)

b. "2010" surface (using the 2007-2012 dataset) □ [surf_TCDD_2010_20130920_LPR.shp](#)

/ Note: the 1995 surface applies 2007-2012 data outside of RM 0.95 to 6.85, due to data density limitations of the 1995-1999 dataset.

2. Areas of the groups (see 5/17/2013 mapping memo for definition details):

Groups	Deposition Characteristics	Area	Area
		RM 1 to RM 7	RM 0 to RM 7.5
		(acres)	(acres)
Group 1	Shoals	155	369
Group 2	No historical deposition	21	21

Group 3a	Little to moderate historical deposition; \geq 1ft erosion 1995 to 2012	14	14
Group 3b	Little to moderate historical deposition; <1ft erosion 1995 to 2012	41	41
Group 4	High historical deposition	137	208

3. Probability distributions and counts of contaminant data in each mapped dataset, by mapping group

a. ProbPlot_1995_vs_2010_data_by_mapped_group_20130920.pdf

Please let me know if you have any questions.

Have a good weekend,

Peter

Peter H. Israelsson, PhD

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